

# Converting Colors

Android(4282359296)

Have a look what the booklet for  
Android(4282359296) contains.

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# Color

**Android(4282359296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F9E00
RGB	63, 158, 0
RGB Percent	25%, 62%, 0%
CMY	0.7529, 0.3804, 1.0000
CMYK	0.60, 0.00, 1.00, 0.38
HSL	96°, 100%, 31%
HSV	96°, 100%, 62%
XYZ	14.2768, 25.5105, 4.1716
YIQ	111.5830, -5.9020, -69.2780

# Conversions

## Conversions Part 2

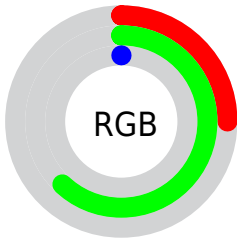
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 158, 95
Decimal	4169216
CIELab	57.57, -51.32, 59.42
CIELCh	58, 78.517, 130.818
Yxy	25.5105, 0.3248, 0.5803
Android (android.graphics.Color)	4282359296 (0xFF3F9E00)
YUV	111.5830, -55.0104, -42.6073
Hunter-Lab	50.5079, -37.9333, 30.4586

# Details

The Android color `4282359296` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4284416158`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286240327`, and `4278216960` is the 20% darker color. If you saturate the color by 10%, you get `4282359296`, and if you desaturate by 10%, it is `4282949136`.

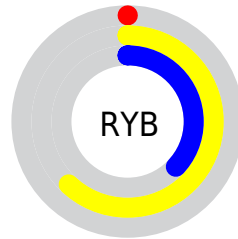
# Distribution



Red (25%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (37%)

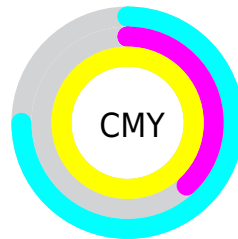


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282359296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4282359296 by changing the saturation by 10% instead.



 4282359296

 4282359296

4294967295

 4279927552

 4286240327

 4278216960

 4288148067

 4278210560

 4290051966

 4278204416

 4292018074

 4278198784

 4293984182

 4278190080

 4294967251

 4294967280

 4282359296

 4282949136

 4283604512

 4284259887

 4284849727

 4285439567

 4286094943

 4286750319

 4287340158

 4287995534

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287663872



4282359296



4278232410

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282359296



4278230783



4294915445

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4282359296



4284416158

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293674169



4282359296



4278225919

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4282359296



4278233059



4289358835



4294136883

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4282359296



4278233226



4289358835



4294914955



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4282359296



4289318801



4288569088



4283590979



4293454056



4285098345



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4282359296



4283617024



4278230544



4283060039



4281962240



4278587136



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4284416158



4286316751



4288544910



4283189071



4283826319



4278779919



# Previews

## White Background



This preview shows how the Android color 4282359296 looks on a white background.

## Color Contrast Check

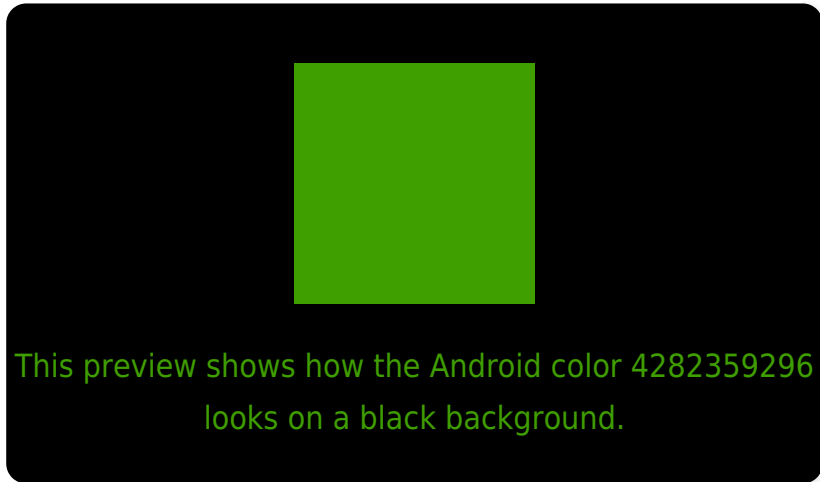
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282359296 Background



This preview shows how black text looks on a background with the Android color 4282359296.



This preview shows how white text looks on a background with the Android color 4282359296.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4282359296

**Protanopia**  
4288383488

**Deuteranopia**  
4289561121



# Trichromacy



**Original Color**  
4282359296

**Protanomaly**  
4286222592

**Deuteranomaly**  
4286942229

**Tritanomaly**  
4283471717

# Monochromacy



**Original Color**  
4282359296

**Achromatopsia**  
4285558896

**Achromatomaly**  
4284383559

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282359296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(63, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 158, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(63, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 158, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282359296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 158, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(63, 158, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(63, 158, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(63, 158, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282359296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 158, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(63, 158,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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